

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
MARTIN WEIBRECHT ET AL.

Atty. Docket  
DE 000186

Filed: CONCURRENTLY  
METHOD OF REPRODUCING A GRAY SCALE IMAGE IN COLORS

6/10/91  
R/27/B

Commissioner for Patents, Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend the claims as follows:

3. A method as claimed in claim 1, characterized in that different color values are assigned to each time two successive shades of gray.

4. A method as claimed in claim 3, characterized in that the assignment between shades of gray and color values is bijective.

5. A method as claimed in claim 4, characterized in that a recurrent series of  $m \leq n$  different color values  $((x_1, y_1), \dots, (x_m, y_m))$  is assigned to the  $n$  shades of gray in an ascending order.

6. A method as claimed in at least claim 5, characterized in that the reproduction of the gray scale image in colors takes place on a color monitor (6), the assignment between shades of gray on the one side and color values  $(x, y)$  and brightness  $(Y)$  on the other side being adapted to the dynamic range of the monitor.